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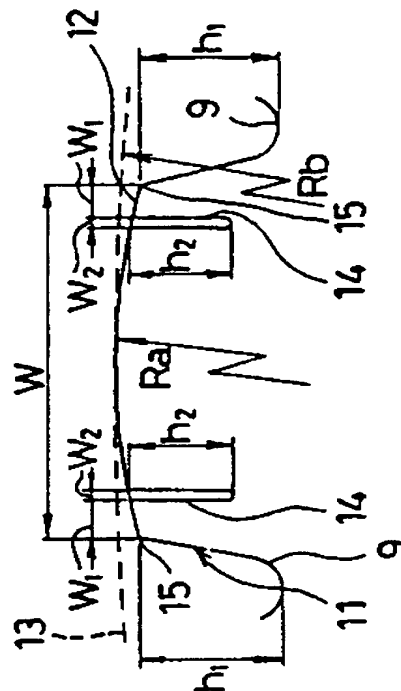
APPLICATION DATE : 07-12-89
APPLICATION NUMBER : 01316390

APPLICANT : YOKOHAMA RUBBER CO LTD:THE;

INVENTOR : OGAWA YUKIHIRO;

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TITLE : RADIAL TIRE FOR HEAVY LOAD



ABSTRACT : PURPOSE: To restrain the partial abrasion of a pneumatic tire for a heavy load by specifying a ratio of the radius of curvature of a tread surface in a block to a phantom radius of curvature in a tire peripheral direction, and forming a widthwise fine groove with the predetermined width and depth at a specific position.

CONSTITUTION: The radius of curvature R_a of the tread surface of a block 11 cellularized with peripheral and transverse grooves on a tread surface and the phantom radius of curvature R_b in a tire peripheral direction are so established that a ratio of R_a to R_b becomes 0.40 to 0.65. Also, a fine groove 14 is formed at the front and rear ends of the block 11 from a position off the end 15 of the block 11 by a distance W_1 of 0.07 to 0.27 times block length W . In this case, a ratio of the width W_2 of the fine groove 14 to the block length W , or W_2/W is set to 0.6 to 0.06, and the depth h_2 thereof is set to 0.25 to 1.0 times a main groove depth h_1 . According to the aforesaid construction, the partial abrasion of a heavy load radial tire can be restrained.

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